FIG. 1

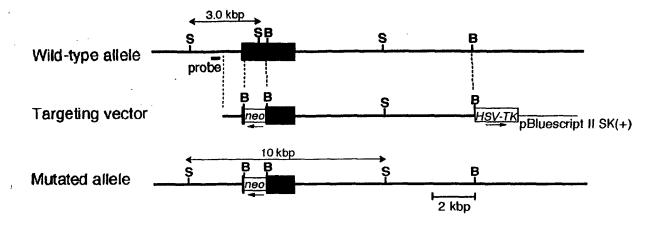


FIG. 2

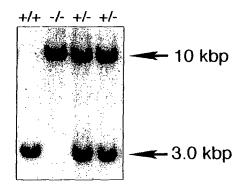
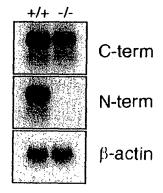


FIG. 3



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FIG. 4

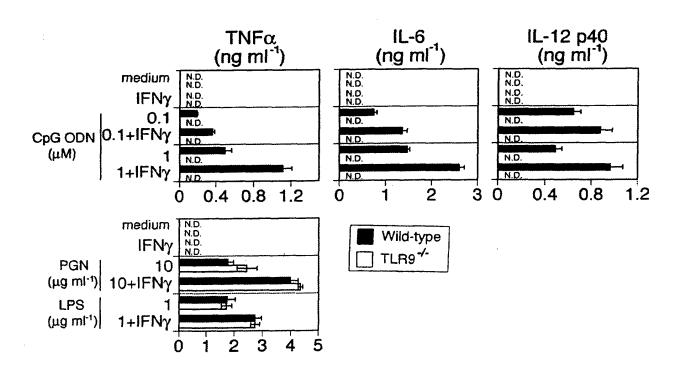
+/+ : 87 AAC CTG CGG CAG CTG AAC CTC AAG 1GG AAC TGT CCA CCC ACT GGC CTT AGC CCC TTG CAC TTC TCT TGC

S N L R Q L N L K W N C P P T G L S P L H F S C

-/- : S N L R Q L N L K W I L S T C TGC AGC TG AAC CTC AAG TGG ATT TTG TCC ACC TGT CCT CGA CGG ATC CGA ACA AAC GAC CCA

87 90 90 CTG AAC CTC AAG TGG ATT TTG TCC ACC TGT CCT CGA CGG ATC CGA ACA AAC GAC CCA $\frac{\mathsf{T}}{\mathsf{ACA}} \xrightarrow{\mathsf{P}} \frac{\mathsf{V}}{\mathsf{CCC}} \xrightarrow{\mathsf{R}} \frac{\mathsf{F}}{\mathsf{CGT}} \xrightarrow{\mathsf{TTT}} \frac{\mathsf{I}}{\mathsf{ATT}} \xrightarrow{\mathsf{CTG}} \frac{\mathsf{F}}{\mathsf{TCT}} \xrightarrow{\mathsf{TTT}} \frac{\mathsf{Y}}{\mathsf{TAT}} \xrightarrow{\mathsf{TGC}} \frac{\mathsf{R}}{\mathsf{CGA}} \xrightarrow{\mathsf{F}} \frac{\mathsf{P}}{\mathsf{CCT}} \xrightarrow{\mathsf{QG}} \frac{\mathsf{K}}{\mathsf{AAG}} \xrightarrow{\mathsf{N}} \frac{\mathsf{N}}{\mathsf{AAG}} \xrightarrow{\mathsf{S}} \frac{\mathsf{S}}{\mathsf{TCA}} \xrightarrow{\mathsf{R}} \frac{\mathsf{R}}{\mathsf{AGA}} \xrightarrow{\mathsf{AGG}} \frac{\mathsf{R}}{\mathsf{AGG}} \xrightarrow{\mathsf{AGG}} \frac{\mathsf{R}}{\mathsf{AGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{AGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{AGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \frac{\mathsf{R}}{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}} \xrightarrow{\mathsf{RGG}}$

FIG. 5



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FIG. 6

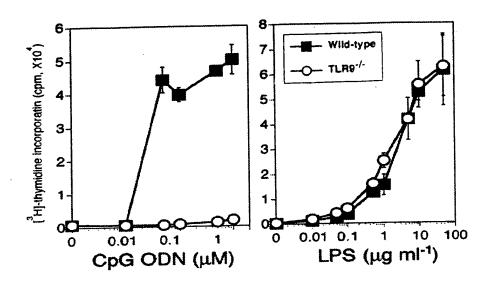
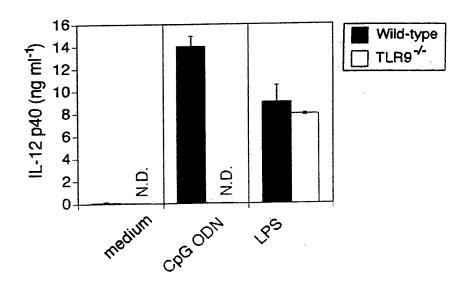


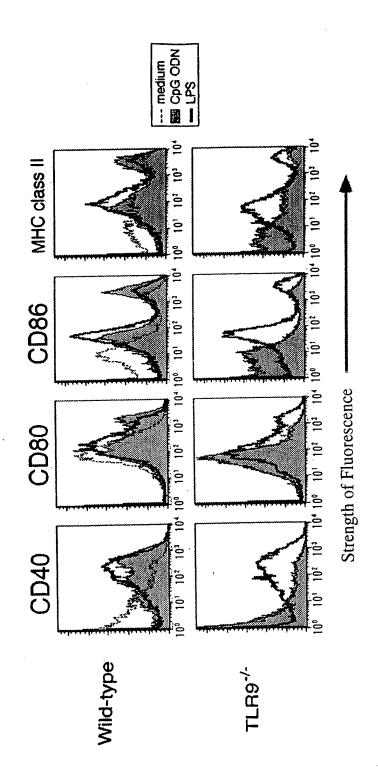
FIG. 7



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FIG. 8



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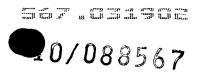


FIG. 9

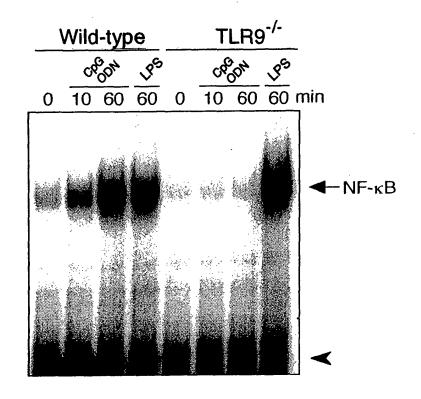
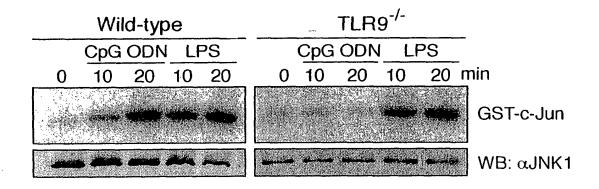


FIG. 10



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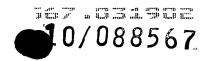


FIG. 11

Wild-type	TLR9 ^{-/-}	İ
CpG ODN LPS	CpG ODN LPS	
0 10 20 10 20	0 10 20 10 20	min
		Auto
		WB: αIRAK